

3 position rotating cam toothbrush

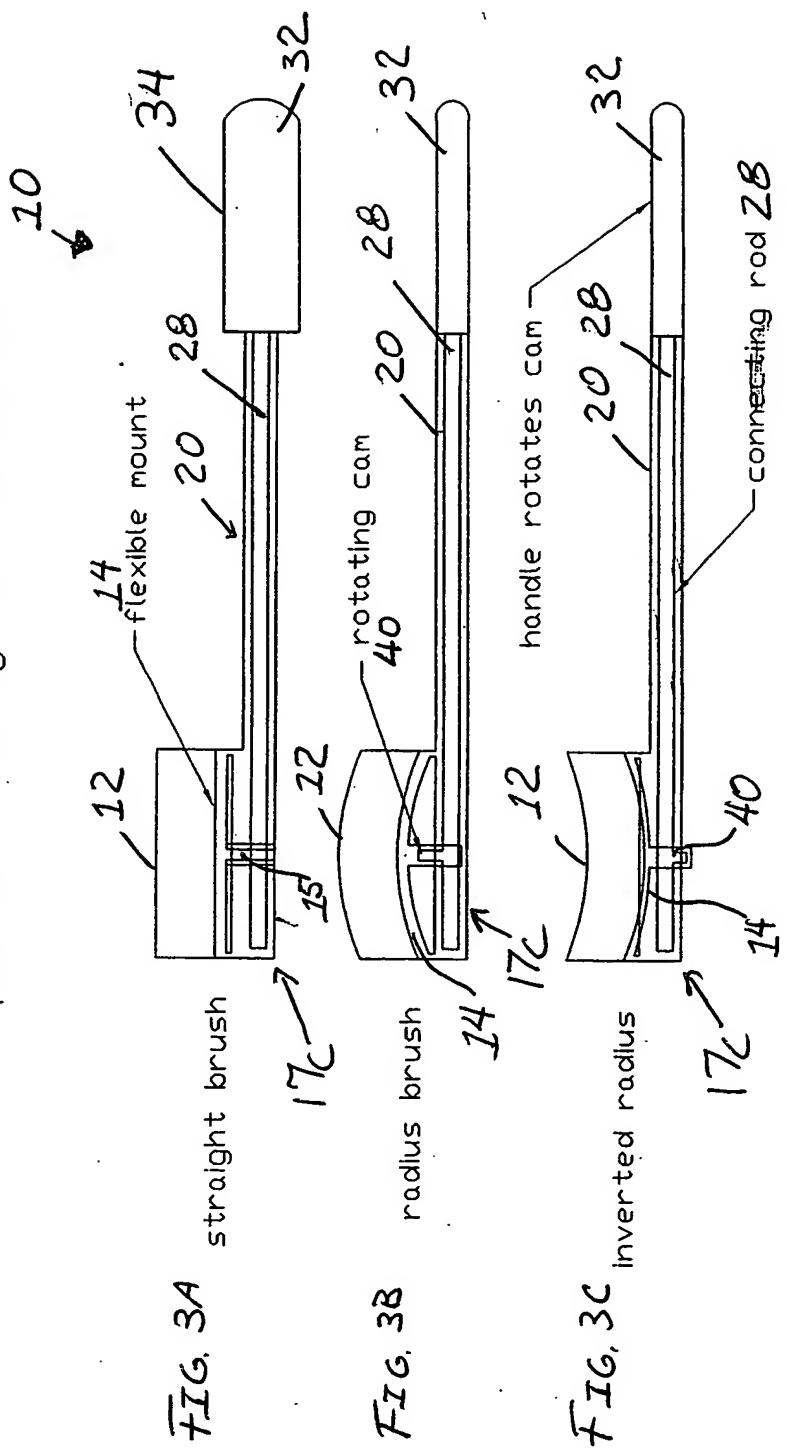


FIG. 3

3 position push/pull handle and lever

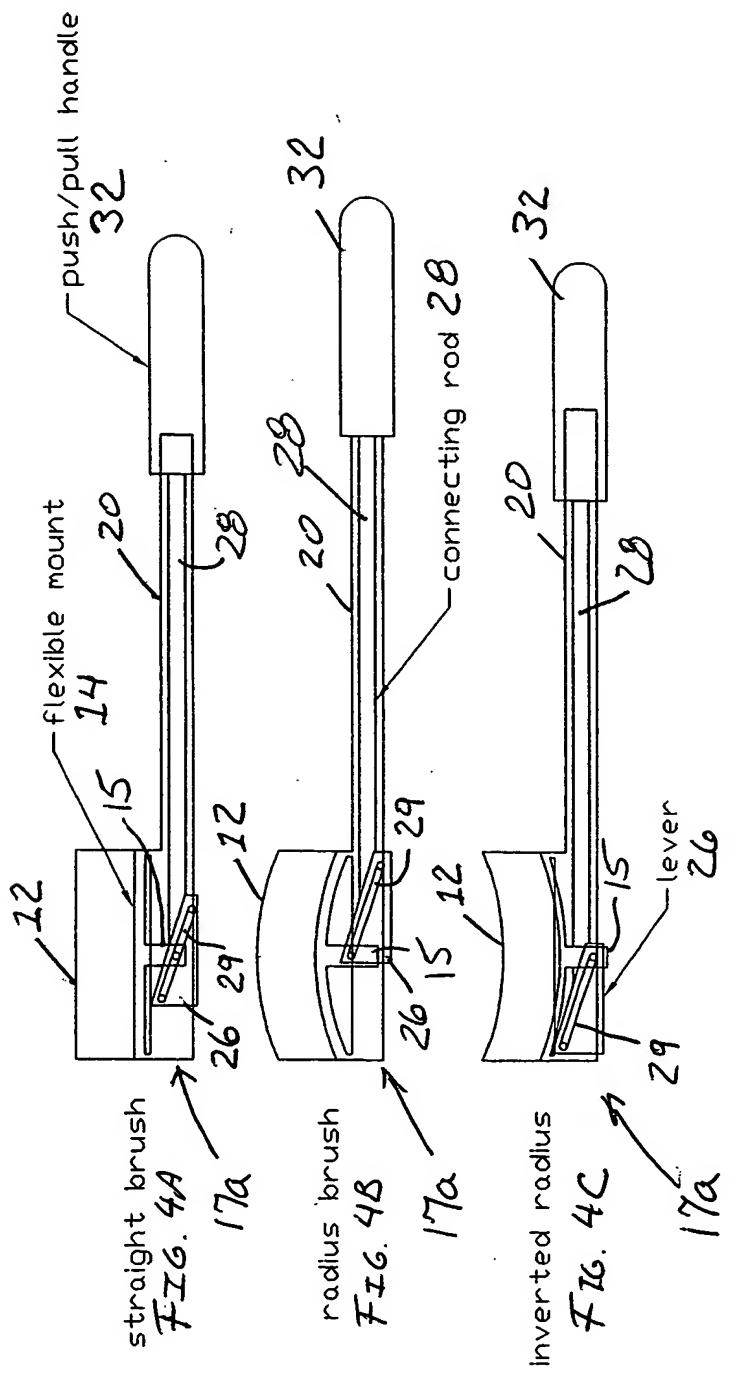


FIG. 4

thumb slide with lever

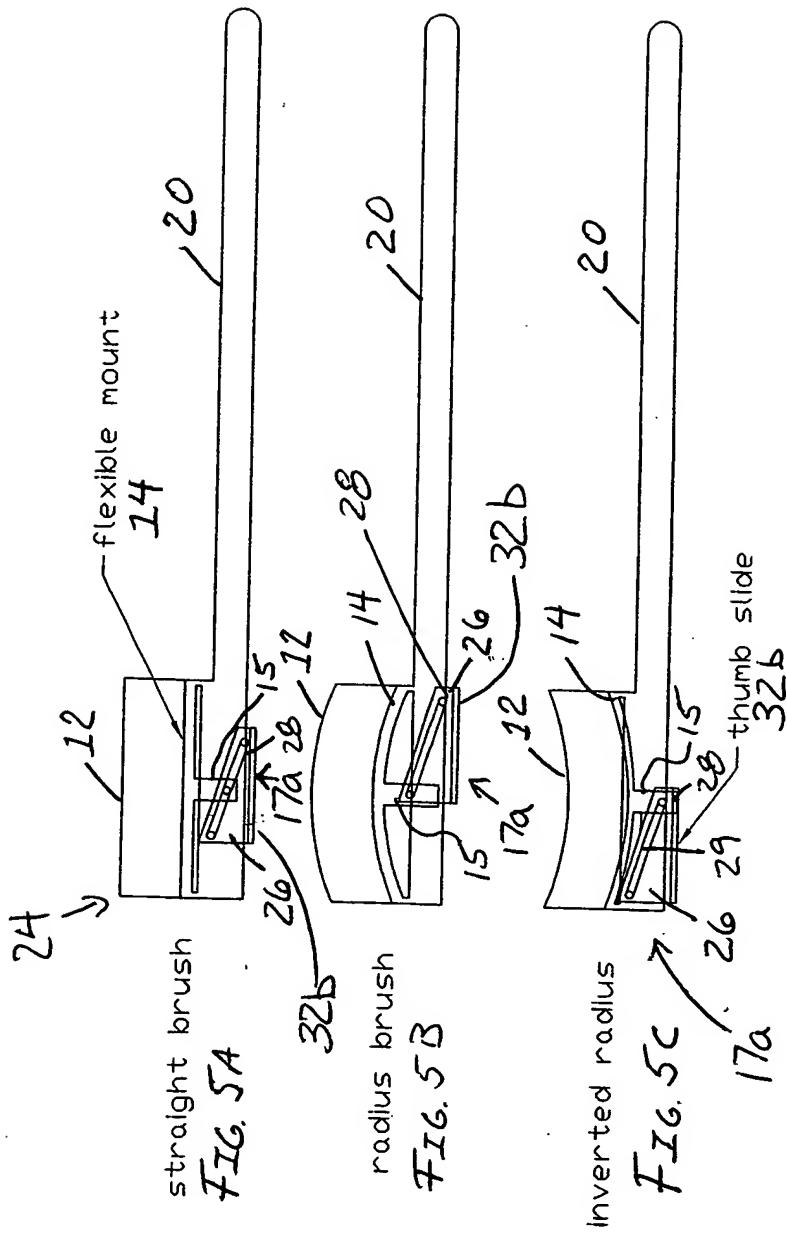


FIG. 5

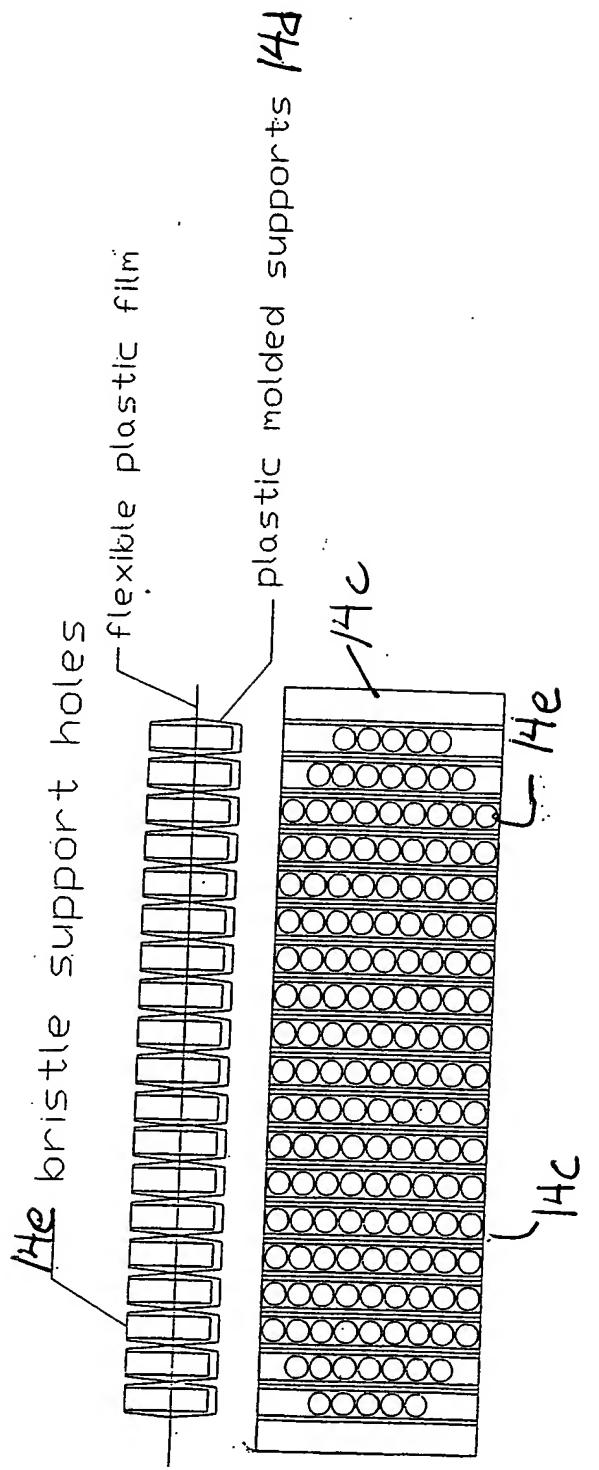


Fig. 6

FIG. 7

12 segment  
3 in 1 toothbrush  
with two form keys

straight brush

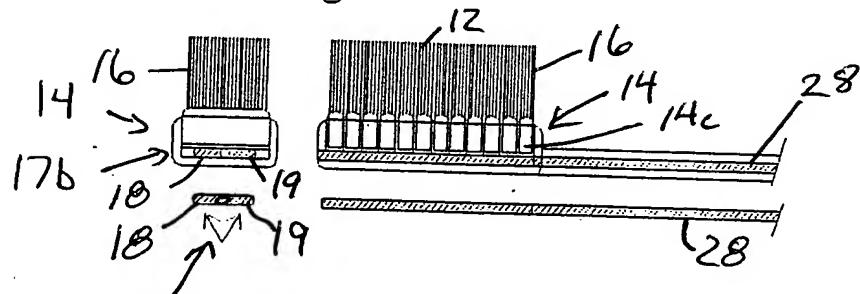


FIG. 7A

radial brush

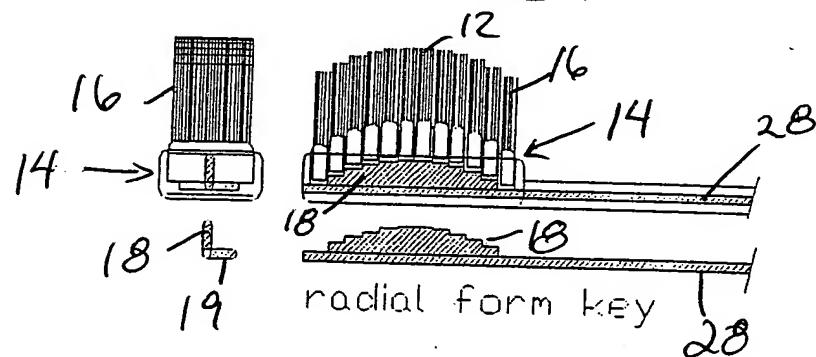


FIG. 7B

inverted radial

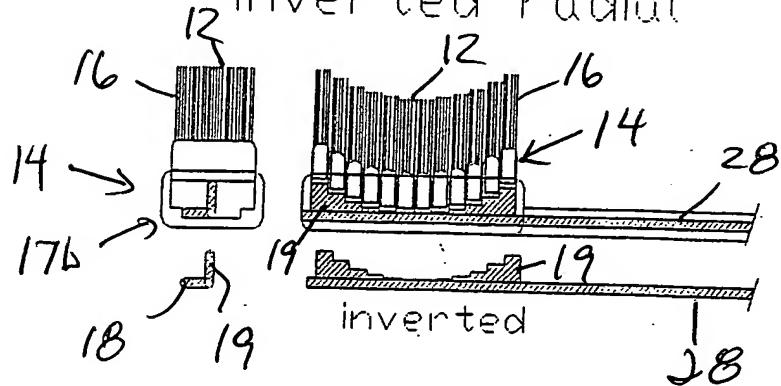
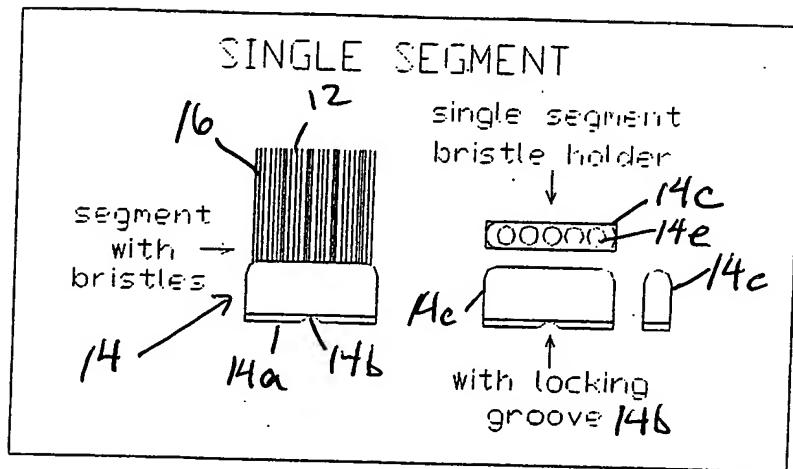
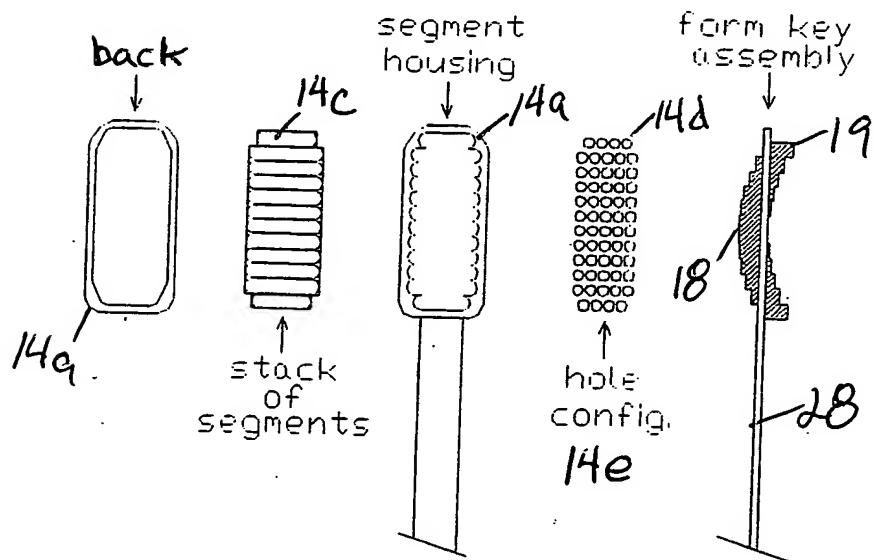


FIG. 7C

FIG. 8  
12 SEGMENT TOOTHBRAH  
COMPONENT



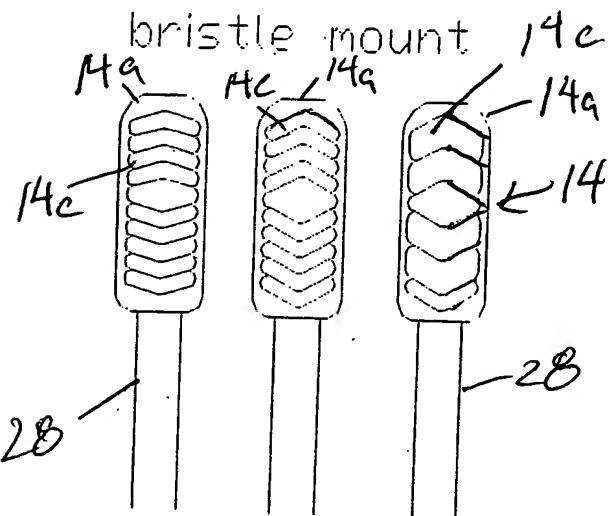
BRUSH ASSEMBLY



Design variations  
of the  
segmented

FIG. 9

Design variations  
of the  
segmented



vertically segmented  
bristle mount

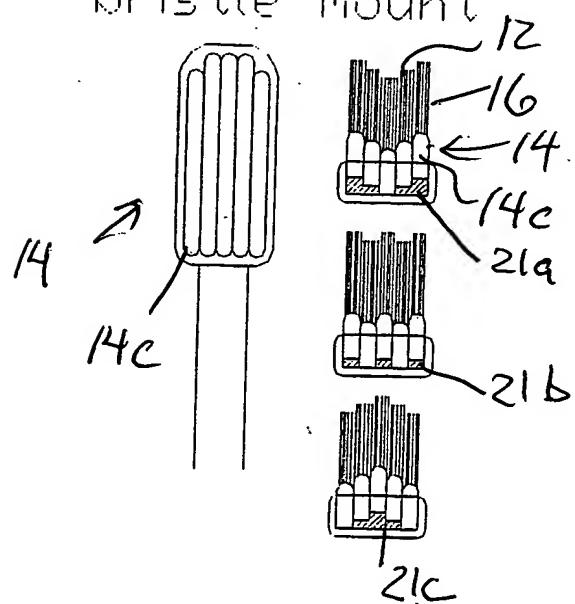
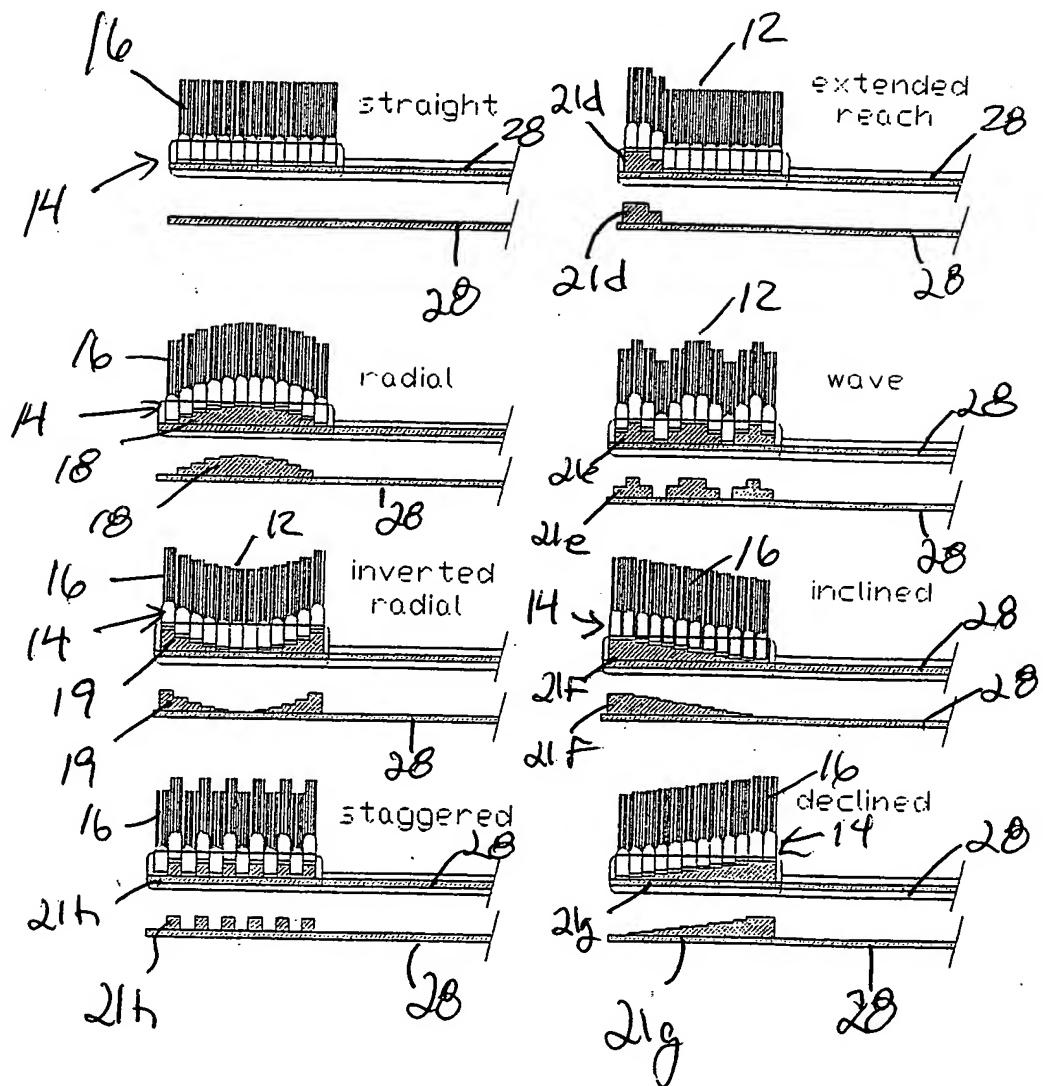


FIG. 10

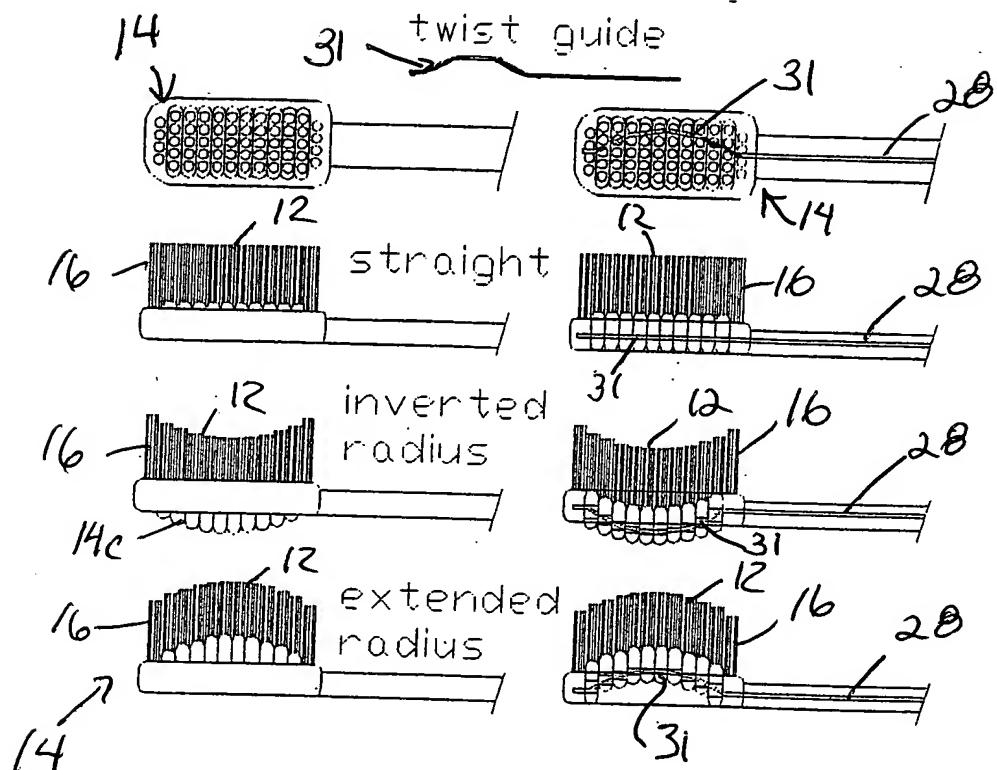
Assorted bristle configurations  
and form keys  
for 12 segment  
toothbrush



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FIG. 11

10 segment toothbrush  
with formed wire



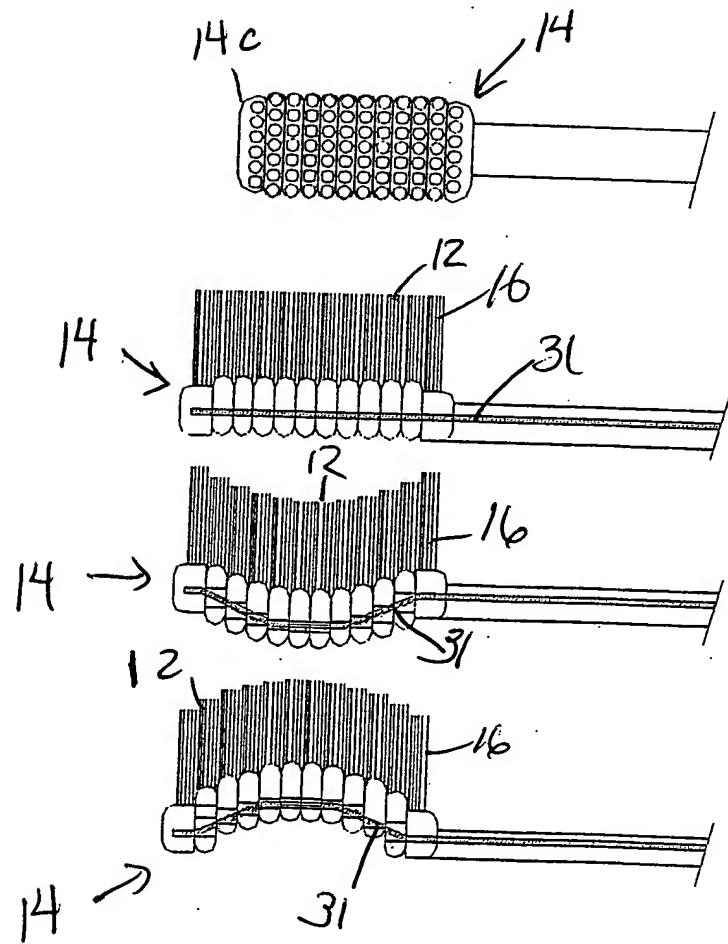
each degree of twist  
changes the intensity  
of the radius.

Note: the first and last rows  
of bristles are fixed  
to the main housing.

DRAWING #6

FIG. 12

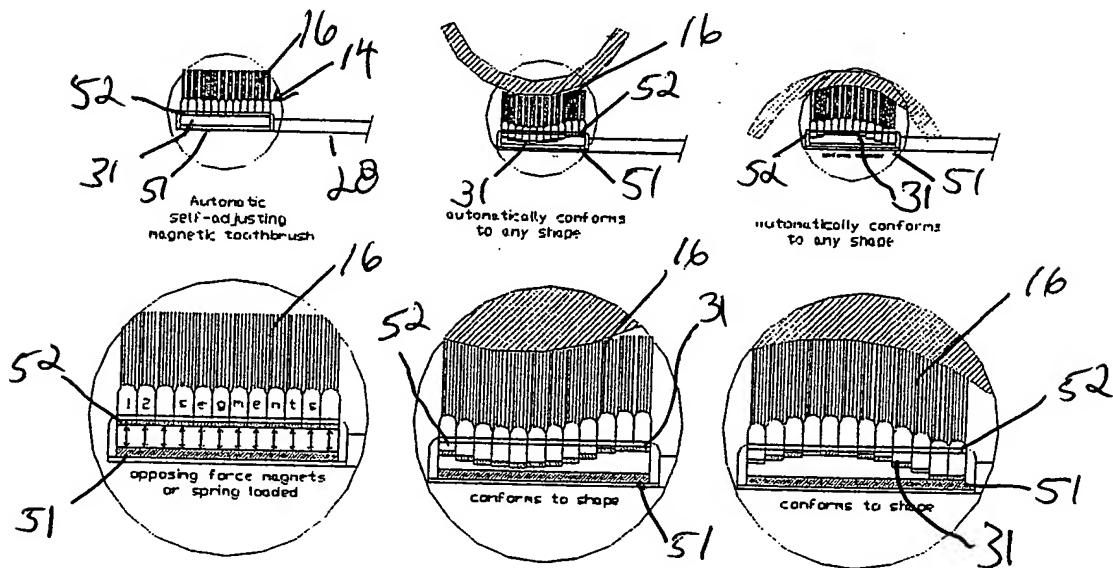
10 segment toothbrush  
with formed wire  
twist guide  
and  
no housing



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FIG. 13

12 Segment Self-Conforming Toothbrush



Each segment moves independently of each other and are spring loaded. Together they conform to any surface shape while maintainig constant pressure on the brushing area and thereby providing a very efficient cleaning of the teeth.

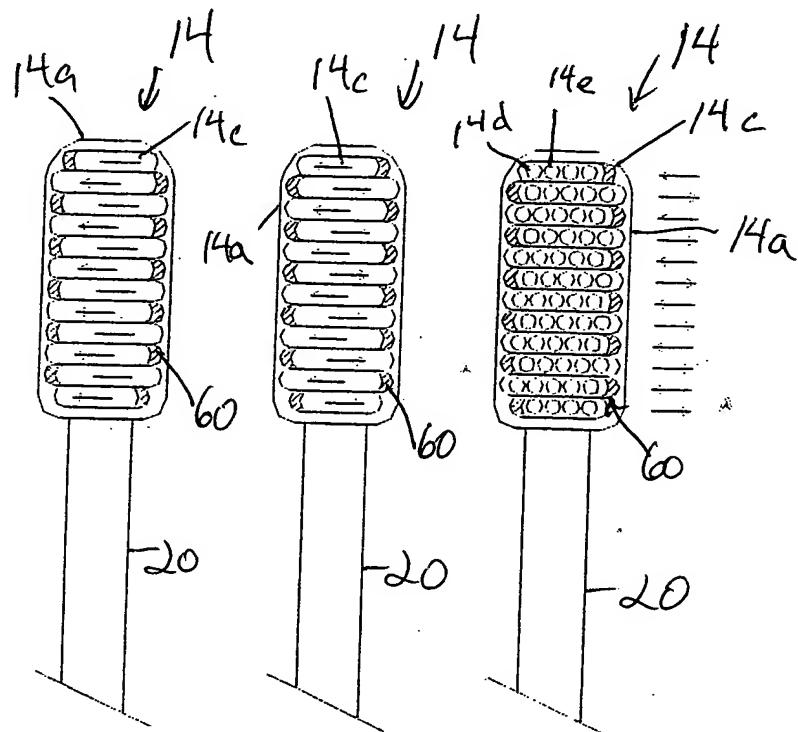
These units may be spring loaded or other methods such as the use of opposing magnets, like the ones shown above may be used.

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FIG. 14

12 segment  
electric toothbrush  
with opposing horizontal  
brushing strokes



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